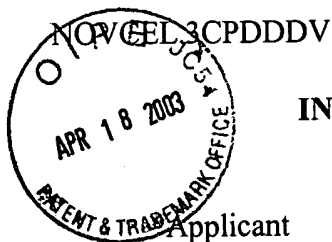


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PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

D/ #16  
104/23/03  
AS

Applicant : Hubbell, et al. ) Group Art Unit : 1711  
Appl. No. : 09/811,901 )  
Filed : March 19, 2001 )  
For : GELS FOR ENCAPSULATION )  
OF BIOLOGICAL )  
MATERIALS )  
Examiner : Berman, Susan W. )

AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed October 15, 2002, Applicants respectfully request the Examiner to enter the following amendments and consider the following arguments.

IN THE CLAIMS:

Please amend claims 1, 130-133 and 139-147 as shown. All claims are shown for convenience.

1. (Twice Amended) A method of encapsulation of at least one islet cell encapsulated in a microcapsule, comprising the steps of:

- a) creating a mix of the at least one islet cell, encapsulated in a microcapsule, in an aqueous macromer solution comprising macromer and photoinitiator;
- b) forming small globular geometric shapes of the mix; and
- c) polymerizing the macromer by exposing the geometric shapes to light radiation.

129. The method of claim 1, wherein the macromer is a water soluble, ethylenically unsaturated, polymer susceptible to polymerization into a water insoluble polymer through interaction of at least two carbon-carbon double bonds.